

Convotherm 4 easyDial Combi Steamer

C4ESD6.10C ELECTRIC DIRECT STEAM 7 x 1/1GN

- Direct steam system
- ACS+ (Advanced Closed System +) operating modes: Steam, Combi-steam, Convection
- ACS+ Extra Functions:
 - Crisp&Tasty - 5 moisture-removal settings
 - BakePro – 5 levels of traditional baking
 - HumidityPro - 5 humidity settings
 - Controllable fan – 5 speed settings
- easyDial: all functions can be set on one operating level
- ConvoClean fully automatic cleaning system
- HygienicCare
- USB port integrated in the control panel
- TriColor indicator ring - indicates the current operating status
- Steam generated by injecting water into the cooking chamber
- Right-hinged appliance door



Standard Features

- ACS+ operating modes:
 - Steam (30-130°C) with guaranteed steam saturation
 - Combi-steam (30-250°C) with automatic humidity adjustment
 - Convection (30-250°C) with optimised heat transfer
- HygienicCare: safety through antibacterial surfaces
 - easyDial control panel
 - Door handle and recoil hand shower
- easyDial user interface:
 - Central control unit, Convotherm Dial (C-Dial)
 - Digital display
 - Regenerating function - regenerates products to their peak level
 - 99 cooking profiles containing up to 9 steps
- Multi-point core temperature sensor
- Door handle with safety latch and sure-shut function
- RS232 and RS485 interface
- Data storage for HACCP figures
- Preheat and Cool down function
- ConvoClean fully automatic cleaning system, including optional single-measure dispensing

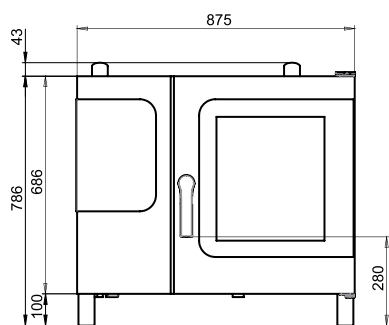
Options

- Steam and vapour removal (built-in condensation hood)
- Grill model with grease collection
- Marine model
- Ethernet / LAN interface
- Available in various voltages
- Sous-vide sensor, with external socket
- Core temperature sensor, with external socket

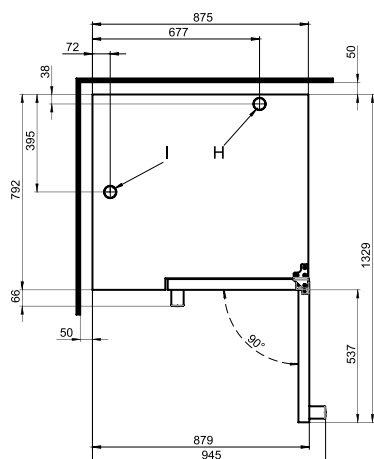
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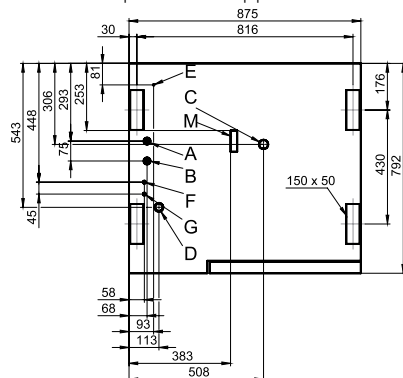
Front view



View from above with wall clearances



Connection positions in appliance floor



- A Soft-water connection G 3/4"
- B Hard-water connection G 3/4"
- C Drain connection DN 50
- D Electrical supply
- E Equipotential bonding
- F Nozzle-detergent connection
- G Cleaning-fluid connection
- H Air vent Ø 50 mm
- I Ventilation port Ø 50 mm
- M Safety overflow 80 mm x 25 mm

DIMENSIONS

Width	875 mm
Depth	792 mm
Height	786 mm
Weight	111 kg

PACKED DIMENSIONS

Width	1130 mm
Depth	950 mm
Height	1040 mm
Weight (including cleaning system)	130 kg

Safety clearances*

Rear	50 mm
Right	50 mm
Left (larger recommended for servicing)	50 mm
Top (for ventilation)	500 mm

*Heat sources must lie at a minimum distance of 50 cm from the appliance.

INSTALLATION REQUIREMENTS

For precise installation instructions please refer to the units installation manual

LOADING CAPACITY

Max. number of food containers

Shelf distance	68mm
GN 1/1 (with standard rack)	7
600 x 400 baking sheet (with appropriate rack)	5

Max. loading weight GN 1/1 / 600 x 400

Per combi steamer	30 kg
Per shelf	15 kg

ELECTRICAL SUPPLY

3N~ 400V 50/60Hz (3/N/PE)*

Rated power consumption	11.0 kW
Rated current	15.9 A
Fuse	16 A
RCD (GFCI), frequency converter (singlephase)	Type A (recommended), type B/F (optional)

Recommended conductor cross-section** 5G4

Special voltage options available on request.

*Connection to an energy optimisation system as standard.

**Recommended conductor cross-section for wires laid uncovered in air up to 5 m in length

WATER CONNECTION

Water supply

2 x G 3/4" permanent connection, optionally including connecting pipe (min. DN13 / 1/2")

Flow pressure 150 - 600 kPa (1.5 - 6 bar)

Appliance drain

Drain version Permanent connection (recommended) or funnel waste trap DN50 (min. internal Ø: 46 mm)

Type Slope for waste-water pipe min. 5% (3°)

WATER QUALITY

Drinking water

(install water treatment system if necessary)

Treated tap water for water injection

Untreated tap water for cleaning, recoil hand shower

Total hardness

Injection (soft water)	4-7 °dh / 70-125 ppm / 7-13 °TH / 5-9 °e
Cleaning, recoil hand shower (hard water)	4-20 °dh / 70-360 ppm / 7-35 °TH / 5-25 °e

Properties

pH	6.5 - 8.5
Cl ⁻ (chloride)	max. 100 mg/l
Cl ₂ (free chlorine)	max. 0.2 mg/l
SO ₄ ²⁻ (sulphate)	max. 150 mg/l
Fe (iron)	max. 0.1 mg/l
Temperature	max. 40°C
Electrical conductivity	min. 20 µS/cm

EMISSIONS

Heat output

Latent heat	2100 kJ/h / 0.58 kW
Sensible heat	2500 kJ/h / 0.69 kW

Waste water temperature

max. 80 °C

Noise during operation

	max. 70 dBA
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STACKING KIT

Permitted combinations

(Electric on electric appliance)	6.10 on 6.10
	6.10 on 10.10



Australia

moffat.com.au

New Zealand

moffat.co.nz

Australia

Moffat Pty Limited

Victoria/Tasmania

740 Springvale Road

Mulgrave, Victoria 3170

Ph 03-9518 3888

Fax 03-9518 3833

vsales@moffat.com.au

www.moffat.com.au

New South Wales

Ph 02-8833 4111

nswsales@moffat.com.au

South Australia

Ph 03-9518 3888

vsales@moffat.com.au

Queensland

Ph 07-3630 8600

qldsales@moffat.com.au

Western Australia

Ph 08-9202 6820

bgarcia@moffat.com.au

New Zealand

Moffat Limited

Christchurch

16 Osborne Street

Christchurch 8011

Ph +64 3-389 1007

Fax +64 3-389 1276

sales@moffat.co.nz

Auckland

Ph +64 9-574 3150

sales@moffat.co.nz

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